

12/03/04

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 27000
Fort Collins, Colorado 80527-2400

2114/\$
PATENT APPLICATION

ATTORNEY DOCKET NO. 10017840-1

DEC 02 2004

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Michael John Erickson, et al.

Confirmation No.: 1031

Application No.: 09/918,030

Examiner:
Gabriel L. Chu

Filing Date: July 30, 2001

Group Art Unit: 2114

Title: METHOD FOR ACCESSING SCAN CHAINS AND UPDATING EEPROM-RESIDENT FPGA CODE THROUGH A SYSTEM MANAGEMENT PROCESSOR AND JTAG BUS

Mail Stop Amendment

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

12/06/2004 BABRAHA1 00000028 082025 09918030

01 FC:1806 180.00 DA

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- () under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
(X) a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV413240632US

Date of Deposit Dec. 2, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Janet Ridpath

Respectfully submitted,

Michael John Erickson, et al.

By

Peter C. Knops

Attorney/Agent for Applicant(s)
Reg. No. 37,659

Date: Dec. 2, 2004

PATENT APPLICATION

Sheet 1 of 4

FORM PTO-1449

ATTY. DOCKET NO.

10017840-1

APPLICATION NO.

09/918,030

CONFIRMATION NO.

1031

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

APPLICANT

Michael John Erickson, et al.

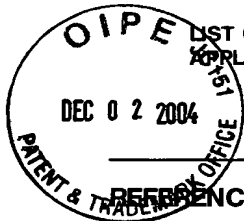
FILING DATE

July 30, 2001

GROUP

2114

(Use several sheets if necessary)



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2003/0120974	06-2003	Adams, et al.
	1B	2002/0070753	06-2002	Vogel, et al.
	1C	2003/0005207	01-2003	Langendorf, et al.
	1D	5,425,036	06-1995	Liu, et al.
	1E	5,428,800	06-1995	Hsieh, et al.
	1F	5,465,056	11-1995	Hsieh, et al.
	1G	5,477,544	12-1995	Botelho
	1H	5,761,462	06-1998	Neal, et al.
	1I	5,802,268	09-1998	Fisher, et al.
	1J	5,826,048	10-1998	Dempsey, et al
	1K	5,864,486	01-1999	Deming, et al.

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	EP1043656A2	10-2000	Northcutt, et al.	
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	XILINX: "XC18V00 Series Of In-System Programmable Configuration PROMs" 06-11-2001
1R	Dehon, Andre, et al., "Reconfigurable Computing: What, Why And Implications For Design Automation," 1999, ACM Pres, p. 610-615.
1S	Beer, Iian, et al., "Establishing PCI Compliance Using Formal Verification: A Case Study," March 28-31, 1995, IEEE 14th Annual International Phoenix Conference on Computers And Communications, p. 373-377.

EXAMINER

DATE CONSIDERED

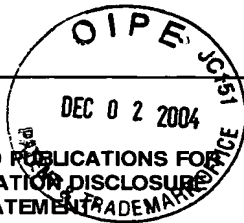
PATENT APPLICATION

Sheet 2 of 4

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT OF TRADEMARKS

(Use several sheets if necessary)



ATTY. DOCKET NO.

10017840-1

APPLICATION NO.

09/918,030

CONFIRMATION NO.

1031

APPLICANT

Michael John Erickson, et al.

FILING DATE

July 30, 2001

GROUP

2114

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,933,614	08-1999	Tavallaei, et al.	
	2B	5,935,233	08-1999	Jeddeloh	
	2C	5,970,005	10-1999	Yin, et al.	
	2D	6,031,391	02-2000	Couts-Martin, et al.	
	2E	6,055,632	04-2000	Deegan, et al.	
	2F	6,137,738	10-2000	Vorgert	
	2G	6,167,358	12-2000	Othmer, et al.	
	2H	6,167,477	12-2000	Garnett, et al.	
	2I	6,198,303 B1	03-2001	Rangasayee	
	2J	6,314,550	11-2001	Wang, et al.	
	2K	6,366,973	04-2002	Lo, et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	Keahey, "Programming Of Flash With ICT Rights And Responsibilities", IEE, pages 711-717, 2000.
	2R	
	2S	

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 3 of 4

FORM PTO-1449

DEC 02 2004

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10017840-1

APPLICATION NO.

09/918,030

CONFIRMATION NO.

1031

APPLICANT

Michael John Erickson, et al.

FILING DATE

July 30, 2001

GROUP

2114

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	6,401,153	06-2002	Pawlowski	
	3B	6,405,276	06-2002	Chen, et al.	
	3C	6,430,710	08-2002	Morivama, et al.	
	3D	6,459,297 B1	10-2002	Smiley	
	3E	6,460,108	10-2002	McCoskey, et al.	
	3F	6,529,989	03-2003	Bashford, et al.	
	3G	6,551,225	11-2003	Lin, et al.	
	3H	6,567,414	05-2003	Deng, et al.	
	3I	6,622,246 B1	09-2003	Biondi	
	3J	6,629,179	09-2003	Bashford, et al.	
	3K	6,636,927	10-2003	Peters, et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	3L					
	3M					
	3N					
	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	
	3R	
	3S	

EXAMINER

DATE CONSIDERED

**PATENT APPLICATION**

Sheet 4 of 4

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

10017840-1

APPLICATION NO.

09/918,030

CONFIRMATION NO.

1031

APPLICANT

Michael John Erickson, et al.

FILING DATE

July 30, 2001

GROUP

2114**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	4A	6,658,508	12-2003	Reiss, et al.	
	4B	6,658,519	12-2003	Broberg, et al.	
	4C	6,289,406	09-2001	Chambers	
	4D				
	4E				
	4F				
	4G				
	4H				
	4I				
	4J				
	4K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	4L					
	4M					
	4N					
	4O					
	4P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	4Q	
	4R	
	4S	

EXAMINER

DATE CONSIDERED